3-Pyridinol, 2-methyl-

Other names:	2-Methyl-3-hydroxypyridine
	2-Methyl-3-pyridinol
	3-Hydroxy-2-methylpyridine
	2-Methylpyridin-3-ol
Inchi:	InChI=1S/C6H7NO/c1-5-6(8)3-2-4-7-5/h2-4,8H,1H3
InchiKey:	AQSRRZGQRFFFGS-UHFFFAOYSA-N
Formula:	C6H7NO
SMILES:	Cc1ncccc1O
Mol. weight [g/mol]:	109.13
CAS:	1121-25-1

Physical Properties

Property code	Value	Unit	Source
chs	-3187.90 ± 0.90	kJ/mol	NIST Webbook
hf	-84.50 ± 1.80	kJ/mol	NIST Webbook
hfs	-173.60 ± 1.20	kJ/mol	NIST Webbook
hsub	89.10 ± 1.30	kJ/mol	NIST Webbook
hsub	89.30 ± 1.30	kJ/mol	NIST Webbook
log10ws	-1.26		Crippen Method
logp	1.096		Crippen Method
mcvol	87.490	ml/mol	McGowan Method
ripol	2140.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C1121251&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772

Legend

chs:	Standard solid enthalpy of combustion
hf:	Enthalpy of formation at standard conditions
hfs:	Solid phase enthalpy of formation at standard conditions
hsub:	Enthalpy of sublimation at standard conditions
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
ripol:	Polar retention indices